

PC): B60S001/34; F16D001/06

ABSTRACTED-PUB-NO: DE 4428371A

BASIC-ABSTRACT: The connection comprises a shaft (10) having a shoulder (26) with first section (22) of its end symmetrically shaped and a second further projection threaded (24). The first section keys and fits tightly into a connector (16). The connector has an outside profile (28) which fits tightly into a cone-shaped hole (34) in the end of the wiper arm (14).

A removable nut (20) is threaded on to the end of the shaft to secure the arm to the shaft. The matching shapes of the first projecting section of the shaft and the inner profile of the connector transfer the torque from the shaft to the arm. The connector presses against a washer (12) on the shaft.

ADVANTAGE - The positioning of the arm on the shaft is not adversely affected by mfg. tolerances. A connection capable of transferring high torque largely independent of the tightness of the nut can be more quickly assembled.

ABSTRACTED-PUB-NO: EP 703129B

EQUIVALENT-ABSTRACTS: The connection comprises a shaft (10) having a shoulder (26) with first section (22) of its end symmetrically shaped and a second further projection threaded (24). The first section keys and fits tightly into a connector (16). The connector has an outside profile (28) which fits tightly into a cone-shaped hole (34) in the end of the wiper arm (14).

A removable nut (20) is threaded on to the end of the shaft to secure the arm to the shaft. The matching shapes of the first projecting section of the shaft and the inner profile of the connector transfer the torque

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ADVANTAGE - The positioning of the arm on the shaft is not adversely affected

by mfg. tolerances. A connection capable of transferring high torque largely independent of the tightness of the nut can be more quickly assembled.

CHOSEN-DRAWING: Dwg.2/5

TITLE-TERMS:

CONNECT FASTEN WIPE ARM SHAFT CONN